

**Second Year BPT Degree Supplementary Examinations July 2024****Pharmacology****(2016 Scheme)****Time: 3 hrs****Max marks: 80**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

**Essays****(2x15=30)**

1. Classify the drugs used in congestive cardiac failure. Write the mechanism of action, advance effects and therapy uses of cardiac glycosides. (5+5+5)
2. Classify the drugs used in general anesthetics. explain briefly about dissociative anesthetics. (10+5)

**Short Essays****(2x10=20)**

3. Mechanism of action and therapeutic uses of Aspirin. (5+5)
4. Explain briefly about anticoagulants

**Short Answers****(10x3=30)**

5. Mechanism of action of quinolone group of antibiotics. Discuss about ciprofloxacin.
6. Describe briefly about two drugs used in cancer chemotherapy.
7. Write a note on centrally acting muscle relaxants.
8. Explain the mechanism of choline esterase inhibitors.
9. What are different factors influencing drug absorption.
10. Importance of Vitamin D in human bone mineralization.
11. Mention role of Folate analogues in Malaria.
12. Explain the Phonophoresis and its advantages
13. Write a note on DMARDs.
14. Mention 5HT<sub>3</sub> antagonists and its therapeutic uses.

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